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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/786,076

DATE: 09/17/2004

TIME: 10:56:54

Input Set : N:\Crf3\RULE60\10786076.raw

Output Set: N:\CRF4\09172004\J786076.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: Henrik Stender

3 Kaare Lund

4 Tina Anderson Hollerup

5 (ii) TITLE OF INVENTION: Novel Process For The Detection of Mycobacteria

6 (iii) NUMBER OF SEQUENCES: 123

7 (iv) CORRESPONDENCE ADDRESS:

8 (A) ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT, & DUNNER

9 (B) STREET: 1300 I ST. NW

10 (C) CITY: Washington

11 (D) STATE: District of Columbia

12 (E) COUNTRY: USA

13 (F) ZIP: 20005

14 (v) COMPUTER READABLE FORM:

15 (A) MEDIUM TYPE: Floppy disk 3.5 inch

16 (B) COMPUTER: IBM PC compatible

17 (C) OPERATING SYSTEM: ASCxi

18 (D) SOFTWARE: Microsoft Word

20 (vi) CURRENT APPLICATION DATA:

C--> 21 (A) APPLICATION NUMBER: US/10/786,076

C--> 22 (B) FILING DATE: 26-Feb-2004

C--> 28 (vii) PRIOR APPLICATION DATA:

W--> 25 (A) APPLICATION NUMBER: US/10/347,510

26 (B) FILING DATE: 21-Jan-2003

W--> 29 (A) APPLICATION NUMBER: 60/028,392

30 (B) FILING DATE: 15-Oct-96

W--> 31 (A) APPLICATION NUMBER: 60/029,595

32 (B) FILING DATE: 23-Oct-96

W--> 33 (A) APPLICATION NUMBER: 60/045,962

34 (B) FILING DATE: 08-May-97

W--> 35 (A) APPLICATION NUMBER: 08/943,777

36 (B) FILING DATE: 3-Oct-97

C--> 37 (viii) ATTORNEY/AGENT INFORMATION:

38 (A) NAME: Anthony C. Tridico

39 (B) REGISTRATION NUMBER: 45,958

C--> 40 (ix) TELECOMMUNICATION INFORMATION:

41 (A) TELEPHONE: (202) 408-4173

42 (B) TELEFAX: (202) 408-4400

43 (2) INFORMATION FOR SEQ ID NO: 1:

44 (i) SEQUENCE CHARACTERISTICS:

45 (A) LENGTH: 15 basepairs

46 (B) TYPE: nucleic acid basepairs



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47 (C) STRANDEDNESS: single
48 (D) TOPOLOGY: linear
49 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
50 AGATCGGGGT AGCAC 15
52 (2) INFORMATION FOR SEQ ID NO: 2:
53 (i) SEQUENCE CHARACTERISTICS:
54 (A) LENGTH: 15 basepairs
55 (B) TYPE: nucleic acid basepairs
56 (C) STRANDEDNESS: single
57 (D) TOPOLOGY: linear
58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
59 TGTTTTCTCC TCCTA 15
61 (2) INFORMATION FOR SEQ ID NO: 3:
62 (i) SEQUENCE CHARACTERISTICS:
63 (A) LENGTH: 15 basepairs
64 (B) TYPE: nucleic acid basepairs
65 (C) STRANDEDNESS: single
66 (D) TOPOLOGY: linear
67 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
68 ACTGCCTCTC AGCCG 15
70 (2) INFORMATION FOR SEQ ID NO: 4:
71 (i) SEQUENCE CHARACTERISTICS:
72 (A) LENGTH: 15 basepairs
73 (B) TYPE: nucleic acid basepairs
74 (C) STRANDEDNESS: single
75 (D) TOPOLOGY: linear
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
77 TGATACTAGG CAGGT 15
79 (2) INFORMATION FOR SEQ ID NO: 5:
80 (i) SEQUENCE CHARACTERISTICS:
81 (A) LENGTH: 15 basepairs
82 (B) TYPE: nucleic acid basepairs
83 (C) STRANDEDNESS: single
84 (D) TOPOLOGY: linear
85 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
86 CGGATTCACA GCGGA 15
88 (2) INFORMATION FOR SEQ ID NO: 6:
89 (i) SEQUENCE CHARACTERISTICS:
90 (A) LENGTH: 15 basepairs
91 (B) TYPE: nucleic acid basepairs
92 (C) STRANDEDNESS: single
93 (D) TOPOLOGY: linear
94 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
95 TCACCACCCT CCTCC 15
97 (2) INFORMATION FOR SEQ ID NO: 7:
98 (i) SEQUENCE CHARACTERISTICS:
99 (A) LENGTH: 15 basepairs
100 (B) TYPE: nucleic acid basepairs
101 (C) STRANDEDNESS: single

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102 (D) TOPOLOGY: linear
103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
104 TTAACCTTGC GACAT 15
106 (2) INFORMATION FOR SEQ ID NO: 8:
107 (i) SEQUENCE CHARACTERISTICS:
108 (A) LENGTH: 15 basepairs
109 (B) TYPE: nucleic acid basepairs
110 (C) STRANDEDNESS: single
111 (D) TOPOLOGY: linear
112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
113 ACTATTCACA CGCGC 15
115 (2) INFORMATION FOR SEQ ID NO: 9:
116 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 15 basepairs
118 (B) TYPE: nucleic acid basepairs
119 (C) STRANDEDNESS: single
120 (D) TOPOLOGY: linear
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
122 CTCCGCGGTG AACCA 15
124 (2) INFORMATION FOR SEQ ID NO: 10:
125 (i) SEQUENCE CHARACTERISTICS:
126 (A) LENGTH: 15 basepairs
127 (B) TYPE: nucleic acid basepairs
128 (C) STRANDEDNESS: single
129 (D) TOPOLOGY: linear
130 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
131 GCTTTACACC ACGGC 15
133 (2) INFORMATION FOR SEQ ID NO: 11:
134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 15 basepairs
136 (B) TYPE: nucleic acid basepairs
137 (C) STRANDEDNESS: single
138 (D) TOPOLOGY: linear
139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
140 ACGCTTG GGG GCCTT 15
142 (2) INFORMATION FOR SEQ ID NO: 12:
143 (i) SEQUENCE CHARACTERISTICS:
144 (A) LENGTH: 15 basepairs
145 (B) TYPE: nucleic acid basepairs
146 (C) STRANDEDNESS: single
147 (D) TOPOLOGY: linear
148 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
149 CCACACCCAC CACAA 15
151 (2) INFORMATION FOR SEQ ID NO: 13:
152 (i) SEQUENCE CHARACTERISTICS:
153 (A) LENGTH: 15 basepairs
154 (B) TYPE: nucleic acid basepairs
155 (C) STRANDEDNESS: single
156 (D) TOPOLOGY: linear

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157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
158 CCGGTGGCTT CGCTG 15
160 (2) INFORMATION FOR SEQ ID NO: 14:
161 (i) SEQUENCE CHARACTERISTICS:
162 (A) LENGTH: 15 basepairs
163 (B) TYPE: nucleic acid basepairs
164 (C) STRANDEDNESS: single
165 (D) TOPOLOGY: linear
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
167 ACTTGCCTTG TCGCT 15
169 (2) INFORMATION FOR SEQ ID NO: 15:
170 (i) SEQUENCE CHARACTERISTICS:
171 (A) LENGTH: 15 basepairs
172 (B) TYPE: nucleic acid basepairs
173 (C) STRANDEDNESS: single
174 (D) TOPOLOGY: linear
175 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
176 GATTCGTCAC GGGCG 15
178 (2) INFORMATION FOR SEQ ID NO: 16:
179 (i) SEQUENCE CHARACTERISTICS:
180 (A) LENGTH: 15 basepairs
181 (B) TYPE: nucleic acid basepairs
182 (C) STRANDEDNESS: single
183 (D) TOPOLOGY: linear
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
185 AACTCCACAC CCCC 15
187 (2) INFORMATION FOR SEQ ID NO: 17:
188 (i) SEQUENCE CHARACTERISTICS:
189 (A) LENGTH: 15 basepairs
190 (B) TYPE: nucleic acid basepairs
191 (C) STRANDEDNESS: single
192 (D) TOPOLOGY: linear
193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
194 ACTCCACACC CCCGA 15
196 (2) INFORMATION FOR SEQ ID NO: 18:
197 (i) SEQUENCE CHARACTERISTICS:
198 (A) LENGTH: 15 basepairs
199 (B) TYPE: nucleic acid basepairs
200 (C) STRANDEDNESS: single
201 (D) TOPOLOGY: linear
202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
203 ACCCCTTCGC TTGAC 15
205 (2) INFORMATION FOR SEQ ID NO: 19:
206 (i) SEQUENCE CHARACTERISTICS:
207 (A) LENGTH: 15 basepairs
208 (B) TYPE: nucleic acid basepairs
209 (C) STRANDEDNESS: single
210 (D) TOPOLOGY: linear
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:

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212 CTTGCCCCAG TGTTA 15
214 (2) INFORMATION FOR SEQ ID NO: 20:
215 (i) SEQUENCE CHARACTERISTICS:
216 (A) LENGTH: 15 basepairs
217 (B) TYPE: nucleic acid basepairs
218 (C) STRANDEDNESS: single
219 (D) TOPOLOGY: linear
220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
221 CTCTCCCTAC CGGCT 15
223 (2) INFORMATION FOR SEQ ID NO: 21:
224 (i) SEQUENCE CHARACTERISTICS:
225 (A) LENGTH: 15 basepairs
226 (B) TYPE: nucleic acid basepairs
227 (C) STRANDEDNESS: single
228 (D) TOPOLOGY: linear
229 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
230 GATATTCCGG TCCCC 15
232 (2) INFORMATION FOR SEQ ID NO: 22:
233 (i) SEQUENCE CHARACTERISTICS:
234 (A) LENGTH: 15 basepairs
235 (B) TYPE: nucleic acid basepairs
236 (C) STRANDEDNESS: single
237 (D) TOPOLOGY: linear
238 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:
239 ACTCCGCCCC AACTG 15
241 (2) INFORMATION FOR SEQ ID NO: 23:
242 (i) SEQUENCE CHARACTERISTICS:
243 (A) LENGTH: 15 basepairs
244 (B) TYPE: nucleic acid basepairs
245 (C) STRANDEDNESS: single
246 (D) TOPOLOGY: linear
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:
248 CTGTCCCTAA ACCCG 15
250 (2) INFORMATION FOR SEQ ID NO: 24:
251 (i) SEQUENCE CHARACTERISTICS:
252 (A) LENGTH: 15 basepairs
253 (B) TYPE: nucleic acid basepairs
254 (C) STRANDEDNESS: single
255 (D) TOPOLOGY: linear
256 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:
257 TTCGAGGTTA GATGC 15
259 (2) INFORMATION FOR SEQ ID NO: 25:
260 (i) SEQUENCE CHARACTERISTICS:
261 (A) LENGTH: 15 basepairs
262 (B) TYPE: nucleic acid basepairs
263 (C) STRANDEDNESS: single
264 (D) TOPOLOGY: linear
265 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:
266 GTCCCTAAAC CCGAT 15

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10786076.raw

Output Set: N:\CRF4\09172004\J786076.raw

L:21 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:22 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:28 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:31 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)
L:33 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)
L:35 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)
L:37 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:40 M:220 C: Keyword misspelled or invalid format, [(ix) TELECOMMUNICATION INFORMATION:]